

Anesthesia Week 2020: Successful Research Night and Poster Awards Ceremony

On February 14, 2020 the Department of Anesthesia, Critical Care, and Pain Medicine celebrated the ground-breaking and innovative research that was showcased by the faculty, trainees and research staff members. This evening culminated with an awards ceremony for the top posters, presented by Dr. Simon Robson, MD, PhD, Vice Chair of Anesthesia Research

Award Category	Top award	Runner(s) Up
Faculty Research	Brian P. O’Gara, MD, MPH. <i>Anesthetics to Prevent Lung Injury in Cardiac Surgery</i>	Dusan Hanidziar MD, PhD, <i>Characterization of pulmonary immune responses to hyperoxia by high-dimensional mass cytometry analyses</i> Haobo MA, MD, MPH <i>Intraoperative Dexmedetomidine Use in Ambulatory Surgery is Associated with Longer PACU Stay</i>
Bench Research	Haohai Zhang, MD, PhD <i>Immunostimulatory effect of anti-CD39 antibodies are mediated via trogocytosis with transfer of regulatory immune cell membranes to recipient monocyte-macrophages</i>	Martha Vuerich, PhD, MSc <i>Aryl hydrocarbon receptor inhibition and non-canonical signaling activation impact Treg function in autoimmune hepatitis</i>
Clinical Trainees	Ronny Munoz-Acuna, MD <i>Effects of low-dose ketamine on breathing and electroencephalography in intubated, spontaneously breathing ICU patients</i>	Sichao Xu MD, <i>A small dose of IV dexmedetomidine suppresses postoperative shivering after cesarean delivery</i>
Research Fellows, Students and Research Assistants	Thy Nguyen <i>Virtual Reality as an Adjunct to Anesthesia in the Operating Room</i> Peter Santer, MD, DPhil <i>Midodrine as adjunctive support for the treatment of refractory hypotension in the intensive care unit (MIDAS): A multicenter, randomized, placebo-controlled trial.</i>	

Awards were given to honor the top posters. For the Faculty Poster, Dr. O’Gara, MD, MPH took the top prize for his presentation on ‘*Anesthetics to Prevent Lung Injury in Cardiac Surgery.*’ Runners up for the Faculty Poster were Dusan Hanidziar, MD, PhD presentation on the ‘*Characterization of pulmonary immune responses to hyperoxia by high-dimensional mass cytometry analyses*’ and Haobo Ma, MD, MPH for his poster, ‘*Intraoperative Dexmedetomidine Use in Ambulatory Surgery is Associated with Longer PACU Stay.*’

For the Clinical Trainee Poster, Ronny Munoz-Acuna, MD earned the first place prize with his presentation on *'Effects of low-dose ketamine on breathing and electroencephalography in intubated, spontaneously breathing ICU patients.'* 2nd place for the Clinical Trainee Poster went to Sinchao Xi, MD for her presentation on, *'A small dose of IV dexmedetomidine suppresses postoperative shivering after cesarean delivery.'*

For Bench Research, Haohai Zhang, MD, PhD received the top prize for his poster entitled, *'Immunostimulatory effect of anti-CD39 antibodies are mediated via trogocytosis with transfer of regulatory immune cell membranes to recipient monocyte-macrophages.'* Marta Vuerich, MSc, PhD received the 2nd place prize with her poster entitled, *'Aryl hydrocarbon receptor inhibition and non-canonical signaling activation impact Treg function in autoimmune hepatitis.'*



For the Clinical Research Poster, the top prize was given to two individuals – Thy Nguyen, BS for her presentation on, *'Virtual Reality as an Adjunct to Anesthesia in the Operating Room'* and Peter Santer, MD, DPhil for his presentation on, *'Midodrine as adjunctive support for the treatment of refractory hypotension in the intensive care unit (MIDAS): A multicenter, randomized, placebo-controlled trial.'*

